

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION - MATERIALS LABORATORY
PO BOX 47365 OLYMPIA, WA 98504/STREET-1655 S. 2nd AVE TUMWATER, WA 98512

BITUMINOUS SECTION TEST REPORT

TEST OF PAVING ASPHALTS

GRADE: PG70-22 Antistrip: %
SUPPLIER: U.S.OIL Type:
SHIPPER: U.S.OIL
DATE RECD: 06/21/2010

SR NO: COUNTY:
SECTION: PORT OF TACOMA RD TO KING CO

WORK ORDER # 007779
TRANS. LTR.# 10782E
LAB.IDENT. # 000010782E
ASPH. LAB. # A100350
BID ITEM. # 93.02
REGION # 43

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ACCEPTANCE NO.	ASSURANCE NO.	CERT NO.	DATE SAMPLED
7		278571	06/17/2010

TEST: RESULTS: SPECIFICATIONS:

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ORIGINAL PROPERTIES:

VISCOSITY

(BROOKFIELD) @ 135 C, Pa s	3 MAXIMUM
DYNAMIC SHEAR @ 70 C, kPa	1.00 MINIMUM
C.O.C. FLASH POINT, C	230 MINIMUM

RTFO AGED PROPERTIES:

MASS LOSS AFTER RTFO, %	1.00 MAXIMUM
DYNAMIC SHEAR @ 70 C, kPa	2.20 MINIMUM
MSCR @ 3.2 kPa @ C, %	REPORT ONLY
DIFFERENCE RECOVERY, %	REPORT ONLY
NON-RECOVERABLE COMPLIANCE, Jnr	REPORT ONLY

MSCR and Jnr testing performed at PG base grade temperature

PAV AGED PROPERTIES:

PAV AGING TEMPERATURE C	
DYNAMIC SHEAR @ 28 C, kPa	5000 MAXIMUM
DYNAMIC SHEAR @ 22 C, kPa	REPORT ONLY
CREEP STIFFNESS @ -12 C	
"S", MPa	300 MAXIMUM
"m"	0.300 MINIMUM

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OSC LABORATORY:

Materials File	X	Material does MEET
General File	X	specification requirements.
REGION: OLYMPIC		Remarks:
Construction Engineer	43	SAMPLE APPROVED FOR USE ON THIS
Materials Engineer	43	CONTRACT BASED ON PREVIOUS AND
PE: R. SUAFOA	X(2)	SUBSEQUENT PASSING TEST
U.S.OIL	X	RESULTS.

THOMAS E. BAKER, P.E.
Materials Engineer

T-119	T-126
T-120	T-132
T-121	T-133
T-124	T-136
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By: Joseph R. DeVol 

Date 07/14/2010
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